

Spotless Crane (*Porzana tabuensis*)

(3 subspecies; 1 within plan area)

Conservation Concern Category:
High Concern

Population Trend (PT)

P. tabuensis tabuensis—unknown (Delany and Scott 2002)

“appears to have suffered population reductions and local extinction throughout the Pacific Islands, often where it has encountered man and his introduced commensals...in 1985, was rediscovered on Tau Is (American Samoa) where its population is small and probably decreasing...” (Taylor 1998)

A candidate for listing under the Endangered Species Act (Rauzon and Fialua 2003).

PT FACTOR SCORE=4?

Population Size (PS)

P. tabuensis tabuensis—unknown (Delany and Scott 2002)

“very widespread in the Pacific...post-breeding densities of >10 birds/ha (even possibly several times this density)...on Tau Is (American Samoa) population is small...” (Taylor 1998)

“Although widely scattered in small vulnerable populations...exists in virtually every major island group in the South Pacific...” (Rauzon and Fialua 2003)

PS FACTOR SCORE=5?

Threats to Breeding Populations (TB)

“pigs adversely affect habitat by restricting regeneration of low forest, destroying nesting cover and disturbing leaf-litter...habitat diminishes with the reduction in subsistence agriculture on Tau Is...” (Taylor 1998)

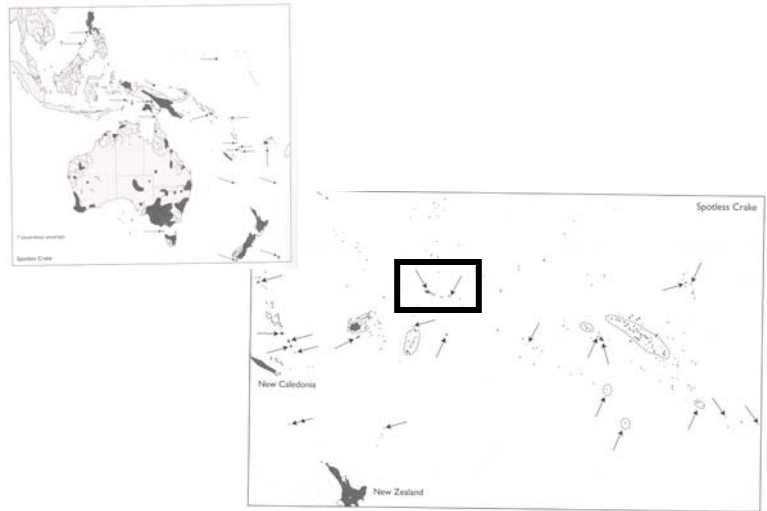
“humans and associated exotic predator species such as Norway rats, dogs, mongoose, and cats...may persist on islands with these predators by moving into wettest and most isolated areas of marsh ...” (Rauzon and Fialua 2003).

TB FACTOR SCORE=4?

Threats to Non-breeding Populations (TN)

TN FACTOR SCORE=4?

Global Range (Taylor 1998; inset=plan area range)



Breeding Distribution (BD)

P. tabuensis tabuensis—Philippines, Micronesia, Polynesia, SW Pacific Island, New Zealand, Australia (Delany and Scott 2002); New Guinea, Marquesas Islands, Pitcairn Island, Tonga, Fiji islands (Rauzon and Fialua 2003)

? km² (plan area distribution; estimated from range maps)

BD FACTOR SCORE=?

Non-breeding Distribution (ND)

P. tabuensis tabuensis—

? km² (plan area distribution; estimated from range maps)

ND FACTOR SCORE=?

Literature Cited:

- Delany, S. and S. Scott. 2002. *Waterbird Population Estimates – Third Edition. Wetlands International Global Series No. 12*, Wageningen, The Netherlands. P: 127
- Taylor, Barry. 1998. Spotless Crane. *In* Rails: A guide to the Rails, Crakes, Gallinules and Coots of the World. Yale University Press. Pp: 416-421.
- Rauzon, M. J. and M. Fialua. 2003. Status of the Spotless Crane (*Porzana tabuensis*) in American Samoa. *Wilson Bulletin* 115(4). Pp. 489-491.